

## Calendar

### Friday, July 21

**3:00 p.m.** DIRECTOR'S COFFEE  
BREAK (NOTE EARLIER START TIME)

- 2nd Flr X-Over

**3:30 p.m.** Joint Experimental Theoretical  
Physics Seminar (NOTE TIME and  
LOCATION) - Auditorium

Speakers: B. Heinemann, University of  
Liverpool; A. Zieminski, Indiana University  
Title: Tevatron Highlights at ICHEP'06

### Monday, July 24

PARTICLE ASTROPHYSICS  
SEMINARS WILL RESUME IN THE  
FALL

**3:30 p.m.** Director's Coffee Break - 2nd  
floor crossover

**4:00 p.m.** All Experimenters' Meeting -  
Curia II

Click [here](#) for a full calendar with links  
to additional information.

## Weather



Partly Cloudy **79°/55°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secon Level 3](#)

## Wilson Hall Cafe

## 'Acqua alle Funi' is operative phrase for SciBooNE team



SciBar, one of three major SciBooNE  
components, arrived at the CDF assembly  
hall Monday. (Click on image for larger  
version.)

The expression *Acqua Alle Funi*,  
meaning "water on the ropes," is an old  
Fermilab motto immortalized by a [1978  
obelisk](#) in front of Wilson Hall. It  
celebrates a commoner's bold, clever  
suggestion to use water to stiffen ropes  
during the raising of an obelisk near St.  
Peter's Cathedral in 16th Century Rome,  
with obvious implications for massive  
Fermilab projects. The phrase was  
apropos Monday as the first pieces of  
[SciBooNE](#), Fermilab's new neutrino  
detector, were delivered from Japan and  
lowered into the CDF assembly building.  
Other pieces followed later in the week.

"We had to think of a lot of clever little  
ways to make this work," said  
spokesperson Morgan Wascko, of  
Imperial College London. The 62-strong  
SciBooNE team salvaged pieces from  
old Fermilab experiments and imported  
other elements from the K2K experiment  
in Japan, which finished running in early  
2005. Hidekazu Tanaka, a Kyoto  
University post doc who disassembled a  
K2K detector subsystem (dubbed

## ILC NewsLine

## Vancouver Linear Collider Workshop/GDE Meeting



From left: Randy Ruchti, Jim Brau, Herman  
White, Neil Calder and Ken Olsen  
participate in one of the exercises during the  
ILC Communications Workshop, which took  
place on 18 July.

You are invited to view our photo album  
from the first days of the Vancouver  
Linear Collider Workshop 2006. From  
Joe Lykken presenting the science case  
for the ILC to Ken Peach delivering a  
summary of the recently released  
European Strategy for Particle Physics,  
yesterday morning's joint-plenary  
sessions brought both the ALCPG and  
GDE together. An important goal from  
the very beginning for GDE Director  
Barry Barish, he commended the groups  
for beginning to take down the traditional  
barriers between the machine and  
physics and detector elements of the  
project. "We are getting better," he said.  
"We are learning how to bring this  
together and I hope that eventually the  
barriers will go away. For now, we have  
to work very consciously to bring them  
together."

We're also including some photos from

**Friday, July 21**

- Old Fashioned Ham & Bean
- Black & Blue Cheese Burger
- Summer Herb Cod
- Stuffed Manicotti
- Roasted Veggie & Provolone Panini
- Assorted Slice Pizza
- Baked Potato

**Upcoming Menu****Chez Leon****Thursday, July 20****Dinner**

- Layered Mozzarella and Tomato
- Grilled Swordfish w/Chipotle Butter
- Roasted Corn w/Potatoes and Bacon
- Banana Spring Rolls w/Caramel Rum Sauce

**Wednesday, July 26****Lunch**

- Danish Open Sandwiches
- Cucumber Salad w/Dill
- Apple Walnut Cake w/Crème Chantilly

**Chez Leon Menu**

Call x4598 to make your reservation.

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[Fermilab Result of the Week archive](#)

"SciBar"), is now putting it back together at Fermilab for use in SciBooNE. "It took five people working for about 80 hours to disassemble it in Japan," he said. Reconstruction of the detector, which holds 15,000 neutrino-detecting scintillators, promises to be an even bigger job.

All the [components](#)--including those made of salvaged parts at Fermilab--will be assembled along with SciBar in CDF's assembly hall, and tested with cosmic-ray muons before they are permanently installed near the Booster neutrino beam target in M12 this fall. Results are expected soon after. "SciBooNE will show us neutrino and antineutrino processes never seen before at these energies," said Wascko, "which will be used as input for the upcoming T2K experiment in Japan."

--Siri Steiner

**In the News*****People's Daily,*  
July 19, 2006:****China plans to build world's largest telescope**

According to China Central Television (CCTV), the National Development and Reform Commission (NDRC) of China reveals that China will make the world's biggest telescope which will allow it to expand its scope of astronomical observation to the edge of the universe and look for celestial bodies of the first generation. The telescope to be built in Guizhou Province is one of the 12 large-scale scientific projects that China plans to invest 6 billion yuan to build during its 11th Five-Year Plan.

The 12 scientific projects are relating to

Tuesday's ILC Communications Workshop. After several different group exercises, which involved instantaneous voting with digital keypads on the goals, concerns and strategy for ILC communications, it became clear to the 40 attendees what a challenging yet exciting opportunity lies ahead for us. "It is great that we have so many different kinds of communicators, but it does create a challenge," said Judy Jackson. "It is key that we have a strategic communication plan with a goal, a strategy and a list of tactics that we are going to use to carry this out."

[View the slideshow](#) and enjoy!

-- ILC Communicators

**Photo of the Day**

Public Affairs' Dave Mosher caught this summer intern gazing into a drift chamber at CDF. (Click image for larger version.)

**Announcements****East entrance to close July 29**

On Saturday, July 29, the Batavia Road east entrance to will close for road seal coating and striping. The entrance will be reopened Sunday morning, July 30, at 6:00 a.m. The bicycle path will remain open during this period. [More information](#)

**English country dancing**

English country dancing will meet Sunday, July 30, at 2 p.m. Fermilab's Barn, and will continue to meet during

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astronomy, biology, high energy physics and other basic scientific research areas. Construction of spallation neutron sources is the most expensive one of the 12 scientific projects, in which China will spend 1.2 billion yuan. The spallation neutron sources can produce a large number of high-speed neutrons. With these neutrons, scientists are able to get internal properties of substances which scientists cannot grasp by means of regular scientific devices. It will offer a great help to develop high-performance materials. Among these projects, China will build a 4000-ton comprehensive marine research ship and an aerial remote sensing system that can quickly monitor floods, earthquake and other unexpected natural disasters.

[Read More](#)

the summer on the last Sunday afternoon of the month. Newcomers are welcome; partners and previous experience are not required. Please contact folkdance@fnal.gov or call 630-584-0825 or 630-840-8194.

### **The Midsummer Theatre Troupe - Much Ado About Nothing**

The Midsummer Theatre Troupe will give free performances of Shakespeare's 'Much Ado About Nothing' this summer. Fermilab employee Bruce Worthel is part of the troupe. You can catch the show at at Knoch Knolls in Naperville on Friday, July 28, at 7 p.m. (bring chairs); Island Park in Geneva on Saturday, July 15, at 6:30 p.m. (bring chairs); and Peg Bond Center Stage in Batavia on Sunday, July 23, at 6 p.m. (bring chairs). For \$10.00, you can watch the production at Cantigny Memorial Park in Wheaton on Sunday, July 16. (bring chairs. For ticket information, call 630-260-8164) and Walter Payton's Roundhouse in Aurora on July 18, July 25 and August 1.

### **Lost Item**

Lost Item: A blue lunch pack containing CDs and CD player. Last seen in Fermilab cafeteria around 5pm. If found, please return to Heath O'Connell in the Library, x6017, hoc@fnal.gov.

New [classified ads](#) have been posted on Fermilab Today.

[Upcoming Activities](#)